

## (FY 2004 Begins 10/01/2003)

**TOTAL AMOUNT OF PAYMENT (\$)** 1,036.00

Application No.                      New Patent Application  
Filing Date                      Herewith  
First Named Inventor                      Doron Orenstien  
Examiner Name                      Not yet assigned  
Art Unit                      Not yet assigned  
Attorney Docket No.                      42 P8923C

22141 U.S. PTO  
10/759455

**\_\_\_\_\_ Applicant claims small entity status. See 37 CFR 1.27.**

  X   Check           Credit Card           Money Order           Other           None

X Deposit Account

**Deposit Account Number :** 02-2666

**Deposit Account Name:** \_\_\_\_\_

**X The Director is Authorized to do the following with respect to the above-identified Deposit Account:**

**Charge fee(s) indicated below.**

<b>X</b>	<b>Credit any overpayments.</b>
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**X** Charge any additional fees during the pendency of this application.

X Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

           Charge fee(s) indicated below except for the filing fee.

## FEE CALCULATION

## 1. BASIC FILING FEE

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	<u>Fee</u>		
<u>Code</u>	<u>(\$)</u>	<u>Code</u>	<u>(\$)</u>		
1001	770	2001	385	Utility application filing fee	770
1002	340	2002	170	Design application filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional application filing fee	

**SUBTOTAL (1) \$ 770**

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
<b>Total Claims</b>	<u>30</u>	- 20** = <u>10</u>	X <u>18</u> =	<u>180</u>
<b>Independent Claims</b>	<u>4</u>	- 3** = <u>1</u>	X <u>86</u> =	<u>86</u>
<b>Multiple Dependent</b>			=	<u>0</u>

**\*\*Or number previously paid, if greater; For Reissues, see below.**

<u>Large Entity</u>		<u>Small Entity</u>		
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	<u>Fee Description</u>
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**R issu independent claims over original patent
1205	18	2205	9	**Reissue claims in xcess of 20 and ver riginal patent

**SUBTOTAL (2) \$ 266**

### 3. ADDITIONAL FEES

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$ 0**

**\*Reduced by Basic Filing Fee Paid**

**SUBMITTED BY:**

Typed or Printed Name: Jan Little-Washington  
Signature: Jan Little-Washington Date: Jan 16, 2004  
Reg. Number: 41,181 Telephone Number: 206-292-8600

**Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**

Please type a plus sign (+) inside this box [ + ]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42.8923C  
(maximum 12 characters)

First Named Inventor Doron Orenstien

Title: A LOW-POWER PROCESSOR HINT, SUCH AS FROM A PAUSE INSTRUCTION

Express Mail Label No. EV320119824US

22141 U.S. PTO  
10/759455



ADDRESS TO: Mail Stop New Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original, and a duplicate for fee processing)
2. ☐ **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. ☒ **Specification (Total Pages 21 )**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ **Drawings(s) (35 USC 113) (Total Sheets 4 )**
5. ☒ **Oath or Declaration (Total Pages 6 )**
  - a. ☐ Newly Executed (Original or Copy)
  - b. ☒ Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 17 completed)
    - i. ☐ DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
  - c. ☐ Unsigned.
6. ☐ **Application Data Sheet. (37 CFR 1.76)**
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. \_\_\_\_\_ **Assignment Papers (cover sheet & documents(s))**
10. \_\_\_\_\_ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- \_\_\_\_\_ b. Power of Attorney
11. \_\_\_\_\_ English Translation Document (if applicable)
12. \_\_\_\_\_ a. Information Disclosure Statement (IDS)/PTO-1449
- \_\_\_\_\_ b. Copies of IDS Citations
13. \_\_\_\_\_ **Preliminary Amendment**
14. X **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. \_\_\_\_\_ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. \_\_\_\_\_ **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
17. X Other: separate sheet with title, express mail label, copy of postcard and attorney's signature

**18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

X Continuation \_\_\_\_\_ Divisional \_\_\_\_\_ Continuation-in-part (CIP)  
Of Prior Application No.: 09/733,821, filed December 7, 2000 Group Art Unit \_\_\_\_\_

(which is a \_\_\_\_\_ continuation/ \_\_\_\_\_ divisional/ \_\_\_\_\_ CIP of prior application no. \_\_\_\_\_,  
which is a \_\_\_\_\_ continuation/ \_\_\_\_\_ divisional/ \_\_\_\_\_ CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

**For CONTINUATION AND DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18B. Statement under 37 CFR 3.73(b) for continuing application:**

The undersigned states that Intel Corporation (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. 011360 Frame No. 0127 (or a copy of which is attached).

**19. Correspondence Address**

\_\_\_\_\_ Customer Number or Bar Code Label \_\_\_\_\_  
or \_\_\_\_\_ (Insert Customer No. or Attach Bar Code Label here)

X Correspondence Address Below

NAME Jan Little-Washington

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (206) 292-8600 FAX (206) 292-8606

Name (PRINT/TYPE): Jan Little-Washington Registration No.: 41,181

Signature: *Jan Little-Washington* Date: Jan 16, 2007

## ACCOMPANYING APPLICATION PARTS

9. \_\_\_\_\_ Assignm nt Pap rs (c ver sheet & documents(s))
10. \_\_\_\_\_ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- \_\_\_\_\_ b. Power of Attorney
11. \_\_\_\_\_ English Translation Document (if applicable)
12. \_\_\_\_\_ a. Information Disclosure Statement (IDS)/PTO-1449
- \_\_\_\_\_ b. Copies of IDS Citations
13. \_\_\_\_\_ Preliminary Amendment
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(which is a \_\_\_\_\_ continuation/ \_\_\_\_\_ divisional/ \_\_\_\_\_ CIP of prior application no. \_\_\_\_\_,  
which is a \_\_\_\_\_ continuation/ \_\_\_\_\_ divisional/ \_\_\_\_\_ CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

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or \_\_\_\_\_ (Insert Customer No. or Attach Bar Code Label here)

X Correspondence Address Below

NAME Jan Little-Washington

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (206) 292-8600 FAX (206) 292-8606

Name (PRINT/TYPE): Jan Little-Washington Registration No.: 41,181  
Signatur : Jan Little-Washington Date: Jan 16, 2004

Our Reference: 42.P8923C

Patent

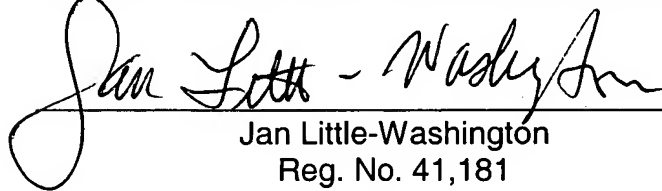
TITLE

A LOW-POWER HINT, SUCH AS FROM A PAUSE INSTRUCTION

Inventors: Doron Orenstien and Ronny Ronen

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

  
Jan Little-Washington  
Reg. No. 41,181

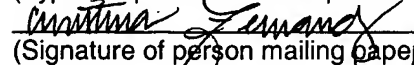
"Express Mail" mailing label number: EV320119824US

Date of Deposit: January 16, 2004

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Mail Stop New Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Christina Fernandez

(Typed or printed name of person mailing paper or fee)

 January 16, 2004  
(Signature of person mailing paper or fee) (Date signed)

Serial/Patent No. <u>New Application</u>	Filing/Issue Date: <u>Herewith</u>
Client: <u>Intel Corporation</u>	
Title: <u>A LOW-POWER PROCESSOR HINT, SUCH AS FROM A PAUSE INSTRUCTION</u>	
BSIZ File No. <u>42.P8923C</u>	Atty/Secty Initials: <u>JCL:cff</u>
Date Mailed: <u>January 16, 2004</u>	Docket Due Date: <u>*****</u>
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:	
<input checked="" type="checkbox"/> Amendment/Response (____ pgs.)	<input checked="" type="checkbox"/> Express Mail No. <u>EV320119824US</u> <input checked="" type="checkbox"/> Check No. <u>3329</u>
<input checked="" type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)	<input checked="" type="checkbox"/> Month(s) Extension of Time
<input checked="" type="checkbox"/> Application - Utility (____ pgs. with cover and abstract)	<input type="checkbox"/> Information Disclosure Statement & PTO 1449 (____ pgs.) <input type="checkbox"/> Check No. _____
<input checked="" type="checkbox"/> Application - Rule 1.53(b) Continuation ( <u>21</u> pgs.)	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Application - Rule 1.53(b) Divisional (____ pgs.)	<input type="checkbox"/> Notice of Appeal
<input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.)	<input type="checkbox"/> Petition for Extension of Time
<input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.)	<input type="checkbox"/> Petition for _____
<input type="checkbox"/> Application - Design (____ pgs.)	<input checked="" type="checkbox"/> Postcard
<input type="checkbox"/> Application - PCT (____ pgs.)	<input type="checkbox"/> Power of Attorney (____ pgs.)
<input type="checkbox"/> Application - Provisional (____ pgs.)	<input type="checkbox"/> Preliminary Amendment (____ pgs.)
<input type="checkbox"/> Assignment and Cover Sheet	<input type="checkbox"/> Reply Brief (____ pgs.)
<input checked="" type="checkbox"/> Certificate of Mailing	<input type="checkbox"/> Response to Notice of Missing Parts
<input checked="" type="checkbox"/> Declaration & POA ( <u>6</u> pgs.)	<input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business
<input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (____ pgs.)	<input checked="" type="checkbox"/> Transmittal Letter, in duplicate
<input checked="" type="checkbox"/> Drawings: <u>4</u> # of sheets includes <u>4</u> figures	<input checked="" type="checkbox"/> Fee Transmittal, in duplicate
<input checked="" type="checkbox"/> Other: <u>Certificate of mailing with copy of return postcard signed by attorney</u>	